Amendments to the specification:

Please amend the paragraph beginning at page 14, line 33 of the specification as follows:

--In Fig, 2 a powder technology based wall flow filter body 8 is seen. This type of filter body 10 has an improved permeability compared to the type of filter body 1 seen in Figs. 1A,1B due to a controlled pore size creation during manufacturing. Typically, the permeability of this filter body is 30-50% higher is compared to non powder technology based Wall Flow Filters, such as the filter body 1 seen in Figs. 1A,1B, as the particles 10 constituting this filter body 8 have the same size and the contact points 12 connect all the particles 10 together only at the contact points 12. SEM investigations show a large number of open and useful pores 14, typically, this number is twice that of the filter body 1 seen in Figs. 1A,1B.--

Please amend the text at page 16, lines 3-5 of the specification as follows:

--Both gases follow the flow direction ~~7~~ 4a and are expelled through the exhaust system. The heat generated by the combustion follows direction ~~7~~ 4a and the distance from the combustion zone 3 to the unburned soot increases fast.--